

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	09/15/2016 09/15/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0007_01_s _ 2013_25				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has a copy of the O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	26
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0007_01_s _ 2013_26				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has adequate emergency supplies stored.					

No Photos

*** Location**
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 CR : Crown

**** Rating**
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 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
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Sacramento Maintenance Yard Putah Creek

No Photos

Putah Creek Unit 1 levee mile 0.00 landside slope.Putah Creek Unit 1 levee mile 0.00 waterside slope.Page 2 of 4

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LM Start	0.04	Rating **	M	Issue No.	2
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.523119 °	38.521968 °
				-121.631356 °	-121.631519 °
DWR ID	DWR_ST0007_01_f_2016_2				
Comment Code					
Inspector Comment					
2011 - Old cobble site is unraveling, likely causing the toe of the bank to become unstable. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_0-1_L]					

No Photos

LM Start	0.30	Rating **	M	Issue No.	28
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.520126 °	38.520009 °
				-121.633869 °	-121.634365 °
DWR ID	DWR_ST0007_01_f_2012_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Putah Creek or North Levee	Left	8.79	09/15/2016 09/15/2016	Herman Phillips

LM Start	6.88	Rating **	M	Issue No.	1
LM End	6.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.517362°	38.517355°
				-121.751778°	-121.752824°
DWR ID	DWR_ST0007_01_f_2016_1				
Comment Code					
Inspector Comment					
2011 - The toe to mid-bank is slumping. Large tree pop-outs have furthered the erosion. Slope is slightly steeper than 1:1. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_7-2_L]					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	17
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.504743 °	38.515648 °
				-121.663298 °	-121.727545 °
DWR ID	DWR_ST0007_02_f_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2016_ST0007_283_17_20161103_00021.jpg



Putah Creek looking downstream from levee mile 0.00 landside.

LM Start	0.01	Rating **	M	Issue No.	18
LM End	0.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.504870 °	38.504870 °
				-121.663157 °	-121.663157 °
DWR ID	DWR_ST0007_02_f_2016_18				
Comment Code					
PI : Pipe					
Inspector Comment					
Remove the old discarded pipe from the levee section.					

Photo 1 of 1 : FA_2016_ST0007_283_18_20161103_00022.jpg



Putah Creek Unit 2 waterside levee mile 0.01.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	0.02	Rating **	A	Issue No.	19
LM End	3.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.504950°	38.515648°	
			-121.663137°	-121.727545°	
DWR ID	DWR_ST0007_02_f_2016_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.24	Rating **	M	Issue No.	21
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.508123°	38.509105°	
			-121.662915°	-121.663543°	
DWR ID	DWR_ST0007_02_f_2016_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents and backfill the burrows.					

No Photos

LM Start	2.00	Rating **	M	Issue No.	9
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.515356°	38.515398°	
			-121.693168°	-121.694590°	
DWR ID	DWR_ST0007_02_s_2013_9				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents at this location, no rodents were observed but there are several burrows present.					

No Photos

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Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	3.93	Rating **	U	Issue No.	30
LM End	4.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515648 °	38.515693 °
				-121.727545 °	-121.729338 °
DWR ID	DWR_ST0007_02_f_2016_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall grasses on the landside sloe and toe.					

Photo 1 of 1 : FA_2016_ST0007_283_30_20161103_00030.jpg



Putah Creek Unit 2 levee mile 3.93-4.03 landside shoulder and slope..

LM Start	3.95	Rating **	M	Issue No.	31
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515662 °	38.515417 °
				-121.727795 °	-121.752242 °
DWR ID	DWR_ST0007_02_f_2016_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the vegetation on the waterside slope.					

No Photos

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Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	4.03	Rating **	A	Issue No.	33
LM End	5.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.515693°	38.515368°	
			-121.729338°	-121.749355°	
DWR ID	DWR_ST0007_02_f_2016_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.30	Rating **	M	Issue No.	13
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.515377°	38.515418°	
			-121.752795°	-121.756028°	
DWR ID	DWR_ST0007_02_f_2012_13				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are bait stations placed in the area for the rodents.					

No Photos

LM Start	5.85	Rating **	M	Issue No.	36
LM End	5.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.516385°	38.516605°	
			-121.762528°	-121.763043°	
DWR ID	DWR_ST0007_02_f_2016_36				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild vegetation from the waterside slope.					

No Photos

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LM Start	6.49	Rating **	M	Issue No.	27
LM End	6.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518222°	38.518230°
				-121.773735°	-121.773838°
DWR ID	DWR_ST0007_02_f_2015_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Young walnut trees on waterside levee slope. Need to be removed. Planted there by the landowner.					

No Photos

LM Start	6.52	Rating **	M	Issue No.	11
LM End	6.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.518404°	38.519938°
				-121.774158°	-121.776952°
DWR ID	DWR_ST0007_02_s_2012_11				
Comment Code					
MA : Material					
Inspector Comment					
Conair containers and other storage units on the landside easement.					

No Photos

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Unit No. 02 Putah Creek or South Levee	Right	7.55	09/15/2016 09/15/2016	Herman Phillips

LM Start	6.59	Rating **	M	Issue No.	28
LM End	6.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.519033°	38.519538°	
			-121.775313°	-121.776275°	
DWR ID	DWR_ST0007_02_f_2015_28				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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